

IN THE CLAIMS:

Please AMEND the claims as follows:

1. (CURRENTLY AMENDED) A gas discharge panel substrate assembly comprising:
 - electrodes formed on a substrate,
 - a dielectric layer covering the electrodes, and
 - a protective layer covering the dielectric layer and in contact with a discharge space,wherein
 - the protective layer includes MgO and at least one compound selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC, ~~and has~~ having an ultraviolet shielding function, and
 - the dielectric layer is a ~~CVD film~~ SiO₂ film of a thickness in the range of 5 to 15 μ m.
2. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 1, wherein the protective layer comprises a layer which shields the dielectric layer of the SiO₂ film from light having a wavelength of 200 nm or less generated by a discharge in the discharge space.
3. (PREVIOUSLY PRESENTED) A gas discharge panel substrate assembly of claim 1, wherein said at least one compound is a compound having a bandgap of 6.2 eV.
4. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 1, wherein the dielectric layer contains a ~~CVD-SiO₂~~ hydrocarbon bond therein.
5. (CURRENTLY AMENDED) A gas discharge panel substrate assembly comprising:
 - electrodes formed on a substrate,
 - a dielectric layer formed on the substrate so as to cover the electrodes and made of a ~~CVD film~~ SiO₂ film having thickness in the range of 5 to 15 μ m,
 - an ultraviolet shielding layer formed on the dielectric layer and made of a compound having an ultraviolet shielding function to shield the dielectric layer from ultraviolet light generated by a discharge in a discharge space of the assembly, the compound being selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a

Ta compound and SiC, and

a protective layer formed on the ultraviolet shielding layer and made of MgO.

6. (CANCELED)

7. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 5, wherein the ultraviolet shielding layer shields the dielectric layer from ultraviolet light having a wavelength of 200 nm or less.

8. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 5, wherein the dielectric layer contains a GVD-SiO₂hydrocarbon bond therein.

9. (CANCELED)

10. (CANCELED)

11. (CANCELED)

12. (CANCELED)

13. (CANCELED)

14. (CURRENTLY AMENDED) An AC type gas discharge panel ~~using the gas discharge panel substrate assembly as disclosed in claim 1 as a gas discharge panel substrate assembly in the front side~~comprising:

a front substrate having display electrodes;

a dielectric layer covering the display electrodes, the dielectric layer having a thickness in the range of 5 to 15 μ m, and being a SiO₂ film having a hydrocarbon bond therein;

a back substrate having a phosphor;

a discharge space between the front substrate and the back substrate and having a discharge gas sealed therein; and

an ultraviolet shielding layer formed on the SiO₂ film and containing a compound which shields the SiO₂ film from ultraviolet light generated by a discharge in the discharge space and is selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC.

15. (CURRENTLY AMENDED) An AC type gas discharge panel ~~using the gas discharge panel substrate assembly as disclosed in claim 5 as a gas discharge panel substrate~~

assembly in the front side comprising:

a front substrate having display electrodes;

a dielectric layer covering the display electrodes, having a thickness in the range of 5 to 15 μm , and being a SiO_2 film having a hydrocarbon bond therein;

a back substrate having a phosphor;

a discharge space between the front substrate and the back substrate and having a discharge gas sealed therein;

a protective layer covering a surface of the dielectric layer facing the discharge space and made of MgO ; and

an ultraviolet shielding layer formed between the SiO_2 film and the protective layer,

wherein the ultraviolet shielding layer shields the dielectric layer from ultraviolet light generated by a discharge in the discharge space and contains a compound selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC .

16. (CURRENTLY AMENDED) A gas discharge panel substrate assembly comprising:

electrodes formed on a glass substrate;

a dielectric layer made of a sheet frit glass formed on the substrate by baking and containing a hydrocarbon bond therein;

an intermediate layer formed on the dielectric layer and shielding the dielectric layer from vacuum ultraviolet light from generated by a discharge in a discharge space of the assembly, the intermediate layer being made of at least one compound selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC ; and

a protective layer covering the intermediate layer and made of MgO .

17. (CANCELED)

18. (PREVIOUSLY PRESENTED) A gas discharge panel substrate assembly of claim 16, wherein the intermediate layer is a ZrO_2 layer.